

Converting Colors

Hex(630D10)

Have a look what the booklet for
Hex(630D10) contains.

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Color

Hex(630D10)

Conversions

Conversions Part 1

Format	Color
Hex	630D10
RGB	99, 13, 16
RGB Percent	39%, 5%, 6%
CMY	0.6118, 0.9490, 0.9373
CMYK	0.00, 0.87, 0.84, 0.61
HSL	358°, 77%, 22%
HSV	358°, 87%, 39%
XYZ	5.3830, 2.9779, 0.7813
YIQ	39.0560, 50.2930, 19.1650

Conversions

Conversions Part 2

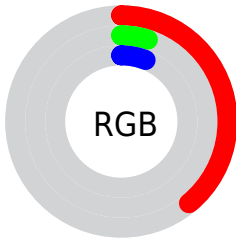
Format	Color
RYB	99, 13, 16
Decimal	6491408
CIELab	19.96, 37.03, 23.23
CIELCh	20, 43.718, 32.098
Yxy	2.9779, 0.5888, 0.3257
Android (android.graphics.Color)	4284681488 (0xFF630D10)
YUV	39.0560, -11.3666, 52.5709
Hunter-Lab	17.2566, 25.4823, 9.3953

Details

The Hex color **630D10** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0D6360**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9C423A**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **630306**, and if you desaturate by 10%, it is **63171A**.

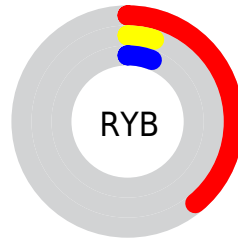
Distribution



Red (39%)

Green (5%)

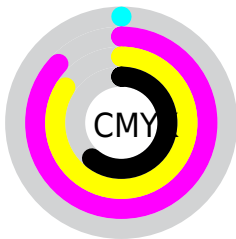
Blue (6%)



Red (39%)

Yellow (5%)

Blue (6%)

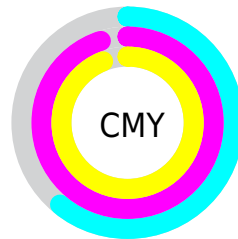


Cyan (0%)

Magenta (87%)

Yellow (84%)

Black (61%)



Cyan (61%)

Magenta (95%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630D10 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 630D10 by changing the saturation by 10% instead.

 630D10

 630D10

 FFFFF0

 480000

 9C423A

 300002

 B95B51

 000000

 D7756A

 F58F83

 FFAA9D

 FFC6B8

 FFE3D4

 630D10

 630D10

■ 630306

■ 63171A

■ 630003

■ 632123

■ 632B2D

■ 633536

■ 633F40

■ 634849

■ 635253

■ 635C5C

■ 636666

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66002F



630D10



532200

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



630D10



003C0F



003471

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



630D10



0D6360

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003B69



630D10



003D32

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



630D10



1A3800



003D52



2E2667

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



630D10



442C00



003D52



003770

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



630D10



805E60



5F0D63



402C2D



BFBFBF



404040

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



630D10



800004



63340D



302C2C



700004



F00008

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



630D10



800004



0D3C63



302C2C



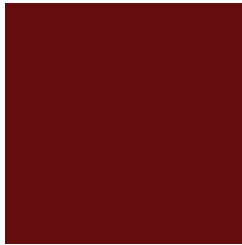
700004



F00008

Previews

White Background



This preview shows how the Hex color 630D10 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

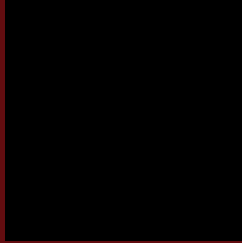
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 630D10 Background



This preview shows how black text looks on a background with the Hex color 630D10.

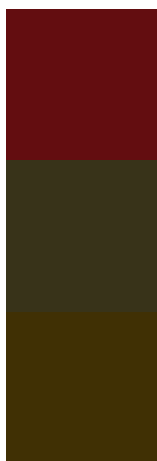


This preview shows how white text looks on a background with the Hex color 630D10.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
630D10

Protanopia
383319

Deuteranopia
403004

Trichromacy



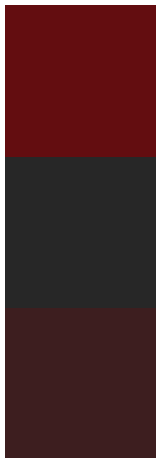
Original Color
630D10

Protanomaly
482516

Deuteranomaly
4D2308

Tritanomaly
630E0D

Monochromacy



Original Color
630D10

Achromatopsia
272727

Achromatomaly
3D1E1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 630D10 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #630D10 looks like.

```
.text, #text, p{  
    color:#630D10  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #630D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630D10
}
```

Border

The CSS property to change the border of an element to Hex 630D10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

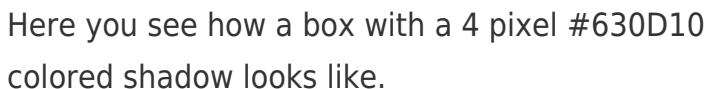
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630D10 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#630D10 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #630D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630D10; -webkit-box-shadow:4px 4px  
4px 4px #630D10; box-shadow:4px 4px 4px  
4px #630D10 }
```

Background

The CSS property to change the background color of an element to Hex 630D10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630D10 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#630D10 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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